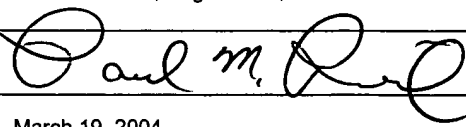




<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/730,020	
	Filing Date	12/09/2003	
	First Named Inventor	Shmuel Eidelman et al.	
	Art Unit	TBD	
	Examiner Name	TBD	
Total Number of Pages in This Submission	48	Attorney Docket Number	000479.00064

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  <p style="text-align: center;"><b>PTO/SB/08b (one sheet), copies of six references listed as A1 to A6</b></p>
<div style="border: 1px solid black; width: 150px; height: 20px; margin-bottom: 5px; float: left; padding: 2px;">Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Paul M. Rivard, Reg. No. 43,446
Signature	
Date	March 19, 2004

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name			
Signature		Date	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Shmuel Eidelman et al.

Application No. 10/730,020

Filed: December 9, 2003

For: PULSED DETONATION  
ENGINES MANUFACTURED  
FROM MATERIALS HAVING  
LOW THERMAL STABILITY

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Group Art Unit: TBD

Examiner: TBD

Atty Docket: 000479.00064

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the duty of disclosure under 37 CFR §§ 1.56 and 1.97-1.98, the documents listed on the attached Form PTO/SB/08b are being brought to the attention of the Examiner in charge of the above-identified application.

The Examiner is respectfully requested to initial the space adjacent the document entries on Form PTO/SB/08b and to return a copy of the initialed Form PTO/SB/08b to confirm that the documents have been considered and has been officially made of record in this application.

If the Examiner has any questions or wishes to discuss this application, the Examiner is invited to telephone the undersigned representative at the number set forth below.

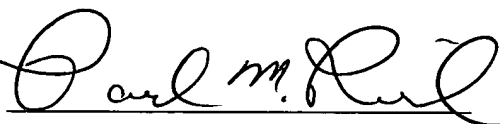
The accompanying Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. Therefore, no fee is believed due at this time. However, the Commissioner is authorized to charge any fees that may be required to our Deposit Account No. 19-0733.

Respectfully submitted,

BANNER & WITCOFF, LTD.

Date: March 19, 2004

1001 G Street N.W.  
11th Floor  
Washington, D.C. 20001  
(202) 824-3000

By: 

Paul M. Rivard  
Registration No. 43,446



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1

**Complete if Known**

Application Number	10/730,020
Filing Date	December 9, 2003
First Named Inventor	Shmuel Eidelman et al.
Group Art Unit	TBD
Examiner Name	TBD
Attorney Docket Number	000479.00064

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A1	EIDELMAN, SHMUEL; SHAROV, DMITRI; and BOOK, DAVID; "Aerothermodynamics of Pulsed Detonation Engines," April 6, 2000, Presented at 36 <sup>th</sup> Annual Meeting, Cocoa Beach, FL, 1999, SAIC, pages 1 to 10	
	A2	EIDELMAN, SHMUEL; SHAROV, DMITRI; BOOK, DAVID: SCIENCE APPLICATIONS INC MCLEAN VA, Equipment and Supplies: Air Breathing Engines (Unconventional), "Aerothermodynamics of Pulsed Detonation Engines," <a href="http://www.stormingmedia.us/01/0155/A015504.html">http://www.stormingmedia.us/01/0155/A015504.html</a>	
	A3	EIDELMAN, SHMUEL, et al, "Pulsed Detonation Engine Experiental and Theoretical Review," AIAA/SAE/ASME; pages 857-865; <a href="http://www.fas.org/irp/mystery/pde.htm">www.fas.org/irp/mystery/pde.htm</a>	
	A4	EIDELMAN, SHMUEL; SHAROV, DMITRI; BOOK, DAVID; April 6, 2000; 20020078304 Science Applications, Inc., McLean, VA USA, Scientific and Technical Aerospace Reports, Volume 40, November 1, 2002, page 20	
	A5	DuPont Engineering Polymers Products - Vespel ®; <a href="http://www.dupont.com/vespel/">http://www.dupont.com/vespel/</a>	
	A6	Claims from co-pending application filed March 10, 2004 (Serial No. not assigned), Attorney Docket No. 000479.00126, based on provisional Application No. 60/320,001, filed March 11, 2003.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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